

Message Text

LIMITED OFFICIAL USE

PAGE 01 MOSCOW 06946 182248Z

ACTION EUR-12

INFO OCT-01 ISO-00 CIAE-00 DODE-00 PM-04 H-01 INR-07

L-03 NSAE-00 NSC-05 PA-01 PRS-01 SP-02 SS-15

USIA-06 FEA-01 AID-05 CEA-01 COME-00 EPG-02 EB-07

FPC-01 INT-05 OMB-01 OES-07 STR-04 TRSE-00

ACDA-07 NEA-10 /109 W

-----190943Z 071123 /11

R 181705Z MAY 77

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 7566

INFO ERA WASHDC

ERDA GERMANTOWN MD

AMCONSUL LENINGRAD

LIMITED OFFICIAL USE MOSCOW 6946

ERDA FOR SIEVERING

E.O. 11652: N/A

TAGS: TGEN ENRG PFOR US UR

SUBJECT: PRESIDENTIAL ENERGY INITIATIVE AND SOVIET ENERGY AND

SCIENCE POLICIES: KIRILLIN'S INFORMAL REMARKS (REF TO

S&T AGREEMENT: SCIENCE POLICY -01.09)

1. BEGIN SUMMARY. KIRILLIN HAS STUDIED PRESIDNETIAL ENERGY INITIATIVE AND HAS CONCLUDED THAT GENERAL GOAL IS LITTLE CHANGED FROM PREVIOUS US ENERGY POLICY, ALTHOUGH MEANS FOR CARRYING IT OUT HAVE KIRILLIN CONFIRMED SOVIET INTEREST IN COAL DEVELOPMENT AND CONSEQUENT POWER-LINE PROBLEMS, AND NOTES SOVIET PROBLEM WITH LACK OF FLEXIBILITY IN WORK OF RESEARCH INSTITUTES. END SUMMARY

2. DURING 13 MAY MEETING OF S&T SCIENCE POLICY WORKING GROUP AT SCST, USDEL AND ACCOMPANYING EMBOFF WERE TAKEN TO HOUR-LONG MEETING WITH SCST CHAIRMAN (AND SOVIET DEPUTY PREMIER) LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 MOSCOW 06946 182248Z

KIRILLIN. AFTER INITIAL DISCUSSION OF LARGELY SUCCESSFUL EFFORTS IN THE SUBJECT COOPERATION, DLELEGATION LEADER CAREY PRESENTED KIRILLIN WITH COPY OF FORD FOUNDATION' STUDY ON NUCLEAR ENERGY POLICY, AND SUBJECT CHANGED TO ENERGY POLICY.

3. KIRILLIN SAID THAT HE HAD CAREFULLY STUDIED PRESIDENT CARTER'S

ENERGY INITIATIVE AND ADMIRERED ITS THRUST. HE FOUND, HOWEVER, THAT ITS "GENERAL THEME, INCREASED EFFORTS ON THE ECONOMICS OF GAS/THERMAL ENERGETICS WITH EMPHASIS ON COAL DEVELOPMENT, MERELY REPEATED PRESIDENT FORD'S PROGRAM." THE FORMER ADMINISTRATION'S COAL PROGRAM HAD EVEN MADE REAL PROGRESS IN 1976. SOLE IMPORTANT DIFFERENCE, AS KIRILLIN SAW IT, WAS DECREASE IN PRESIDENT CARTER'S PLAN OF THE U.S. FAST-BREEDER REACTOR PROGRAM.

4. USDEL RESPONDED THAT TWO MORE POINTS ARE VERY IMPORTANT:
(1) ENERGY CONSERVATION HAS BEEN ELEVATED TO PRIME IMPORTANCE;
(2) COSTS OF ENERGY WILL BE FOCUSED MORE DIRECTLY ON THE ENERGY CONSUMER, AS IN THE GASOLINE TAX/REBATES SYSTEM. KIRILLIN UNDERSTOOD THE DIRECTED-COST MECHANISM AND COMMENTED THAT THE GASOLINE PLAN WOULD CERTAINLY PRODUCE EFFECTS WITHIN THE AMERICAN AUTO INDUSTRY.

5. USDEL EXPLAINED PRESIDENTIAL INITIATIVE'S NON-PROLIFERATION CONCERNS AND THEIR EFFECT UPON BREEDER PROGRAMS, AND KIRILLIN REMARKED THAT BREEDERS REPRESENT "AN IMPORTANT PART OF THE TOTAL ENERGY PICTURE BUT ARE ONLY A PARTIAL ANSWER." KIRILLIN SUMMED HIS UNDERSTANDING OF THE PRESIDENT'S ENERGY INITIATIVE AS HAVING THE SAME GENERAL GOALS AS THE ENERGY PROGRAMS OF THE PREVIOUS ADMINISTRATION WHILE USING DIFFERENT MEANS.

6. ON OIL AND GAS PRODUCTION, KIRILLIN SAID THAT ONE CAN DISPUTE THE DATE WHEN PRODUCTION CURVES WILL TURN DOWNWARD, BUT ADDED THAT THESE CONSIDERATIONS ARE ONLY "QUESTIONS OF NUMBERS AND NO ONE KNOWS ALL THE NUMBERS." IN ANY CASE, COAL POSES LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 MOSCOW 06946 182248Z

DEFINITE ADVANTAGES OVER OIL FOR THE FUTURE AND THEREFORE US AND SOVIET POLICIES CORRESPOND: BOTH COUNTRIES MUST GO TO COAL.

7. SINCE SOVIET COAL RESERVES ARE FAR FROM THE POPULATION-INDUSTRIAL CENTERS, KIRILLIN SAID THAT THE SOVIETS ARE NOW BUILDING A 2400-KM TRANSMISSION LINE TO CARRY 1.5 MILLION VOLTS DIRECT CURRENT. KIRILLIN SAID THIS TYPE OF LINE, WHICH WILL COST 750 MILLION RUBLES FOR CONSTRUCTION ALONE, WILL STILL HAVE INSUFFICIENT CAPACITY FOR THE INCREASING NEED. LINES NEED TO BE DEVELOPED WHICH CAN CARRY HIGHER VOLTAGES OVER DISTANCES OF 4,000 KILOMETERS. SOVIET STUDIES SHOW THAT, DESPITE THE LINE COSTS AND POWER LOSSES IN TRANSMISSION, SUCH HIGH-VOLTAGE TRANSMISSION IS ECONOMIC. PRINCIPAL DETERMINANT IS CHEAPNESS OF THE COAL AT ITS SOURCE. DEL COMMENTED THAT THE SOVIET ENVIRONMENTAL PROBLEMS IN CONJUNCTION WITH COAL USE WILL BE CONSIDERABLY LESS SEVERE THAN IN US SINCE SOVIET COAL IS LOCATED FAR FROM DENSELY POPULATED REGIONS, BUT KIRILLIN COUNTERED THAT EVEN IF THE POPULATION IS SCARCE IN AN AREA THE SOVIET GOVERNMENT WILL NOT ALLOW POLLUTION OF THE

AIR OR LAND (STRIP-MINING).

4. SOVIET SCIENCE POLICY PROBLEM. DURING COURSE OF CON-
VERSATION, KIRILLIN ALSO NOTED THT SOVIETS HAVE CONSIDERABLE
DIFFICULTY WITH INFLEXIBILITY IN OLDER RESEARCH INSTITUTES.
OUTMODED PROJECTS OR RESEARCH DIRECTIONS CANNOT BE DROPPED AND
INSTITUTE STRUCTURES ARE NEXT TO IMPOSSIBLE TO CHANGE. THE RESULT
IS THAT ASSIGNMENT OF NEW TECHNICAL PROBLEMS TO OLDER INSTITUTES
ALWAYS PRODUCES REQUESTS FOR ADDITIONAL MONEY, PEOPLE, AND EQUIPMENT.
KIRILLIN SAID THAT SOVIETS HAVE FOUND NO WAY TO DEAL WITH THIS
CONSIDERABLE PROBLEM.

9. TWO COMMENTS SEEM WARRENTED: (A) SOVIETS ARE CLEARLY
STUDYING PRESIDENT'S ENERGY PROPOSALS. KIRILLIN WAS FORMERLY
DIRECTOR OF THE INSTITUTE OF HIGH TEMPERATURES, WHICH HAS
ENERGY FOCUS, AND HE PERSONALLY HAS LOG BEEN AN EXPERT AND LEADER
IN SOVIET ENERGY POLICY. IN GIVING HIS INITIAL SIMPLISTIC ANAL-
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 MOSCOW 06946 182248Z

YSIS OF THE PRESIDENT'S POLICY, KIRILLIN MAY WELL HAVE BEEN SETTING
UP A "STRAW MAN" TO SEE HOW THE DELEGATION WOULD KNOWCK IT
DOWN. KIRILLIN'S CLEAR PLEASURE AT THE DELEGATION'S RESPONSES (PARA
4. ABOVE) WAS REMINISCENT OF A PROFESSOR WHOSES STUDENTS HAD JUST RE-
SPONDED IN THE PROPER AND EXPECTED MANNER.

(B) SOVIET SCIENCE POLICY IS TREATED AT AND BY THE HIGHEST
LEVELS OF THE SOVIET GOVERNMENT. THIS US S&T DELEGATION THUS
GAINED "FRIENDLY" ACCESS TO A SOVIET DEPUTY PREMIER THROUGH
ITS COOPERATIVE ACTIVITIES. THIS KIND OF ACCESS THROUGH THE
BILATERAL COOPERATIVE ACTIVITIES ILLUSTRATES ON
IMPORTANT BENEFIT WHICH FLOWS FROM THESE AGREEMENTS.
MATLOCK

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SCIENTIFIC COOPERATION, POLICIES, ENERGY, SCIENTIFIC MEETINGS, MEETING REPORTS, TECHNOLOGICAL EXCHANGES
Control Number: n/a
Copy: SINGLE
Sent Date: 18-May-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977MOSCOW06946
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770178-0416
Format: TEL
From: MOSCOW
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770544/aaaablvh.tel
Line Count: 151
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: c5d2e390-c288-dd11-92da-001cc4696bcc
Office: ACTION EUR
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 11-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2471505
Secure: OPEN
Status: NATIVE
Subject: PRESIDENTIAL ENERGY INITIATIVE AND SOVIET ENERGY AND SCIENCE POLICIES: KIRILLIN'S INFORMAL REMARKS (REF TO S&T AGREEMENT: SCIENCE POLICY -01.09)
TAGS: TGEN, ENRG, PFOR, US, UR
To: STATE
Type: TE
vdkgvkey: odbc://SAS/SAS.dbo.SAS_Docs/c5d2e390-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009